IN THE CLAIMS:

Claims 1-12 (canceled)

Claims 13-31 (withdrawn)

32). (new): An Intellectual Property Archive (IPA) comprised of networks, computers, servers, digital storage devices and routers, digitally connectable to the Internet wherein:

said Intellectual Property Archive is dedicated to verifying, storing, referencing, and distributing digitized Intellectual and Copyrighted Properties, and Transaction Code Identifiers (TCI's), against information trafficked within unsecured digital mediums including the Internet, and through the domains of third parties, including Internet Providers (IP's) Network Providers (NP's), Connectivity Providers (CP's), Digital Content Providers (DCP's), Servers and Routers, wherein;

said TCI's are comprised of generic TCI's, which are human and machine readable, and Property Specific TCI's, which are machine readable in transfer within said third party domains, and contain the legal requirements of transfer, sale, proliferation and distribution of individual digitized Intellectual and Copyrighted Properties within digital medias, and also,

said TCI's serve to distinguish digitized Intellectual and Copyrighted Properties as unique and bound to restriction, to said third parties and end users.

33.) (new): An Intellectual Property Archive in accordance with Claim 32, wherein:

said TCI's act as protocols within the domains of said third parties, whereby said third parties inspect, intercept, validate and transfer digitized Intellectual and Copyrighted Properties, made autonomously recognizable to said third parties by the presence of said TCI's, and further,

said TCI's contain specific addresses to be placed within the headers of transmissions containing said TCI's and digitized Intellectual and Copyrighted Properties, by said third parties, and said IPA; for the purpose of loose source routing of said digitized Intellectual and Copyrighted Properties in the interest of Property Rights Management, and further,

said Property Specific TCI's are watermarked, embedded, associated and bundled within said individual digitized Intellectual and Copyrighted Properties.

34.) (new):   An Intellectual Property Archive in accordance with Claim 33, wherein:

said third parties, including IP's, NP's, CP's, DCP's, Servers, and Routers, provide Property Rights Management, by gating the transmissions of Intellectual and Copyrighted Properties, identified by said TCI's, until the legal requirements of transfer of said Intellectual Properties have been met, and also,

said third parties further verify said legal requirements of transfer of said gated Intellectual Properties against TCI's and Intellectual and Copyrighted Properties stored within said IPA.

35). (new):   An Intellectual Property Archive (IPA) in accordance with Claim 34, wherein:

said third parties, including IP's, NP's, CP's, DCP's, Servers, and Routers, sample the content of transmissions within their respective domains and compare said samples of content, with content within the IPA, which is comprised of digitized Intellectual and Copyrighted Properties, and also,

said third parties gate transmissions found to contain digitized Intellectual and Copyrighted Properties as confirmed by content within said IPA, and further,

said third parties substitute, verified digitized Intellectual and Copyrighted Properties, and TCI's from said IPA, in place of the sampled content of said sampled and gated transmissions, as is necessary to prevent acts of piracy, as determined by comparison of said gated digitized Intellectual and Copyrighted Properties within the respective domains of said third parties, and digitized Intellectual and Copyrighted Properties and TCI's within said IPA, and further,

said third parties validate that the legal requirements of transfers have been met, as supplied by said IPA, before un-gating the transmissions of said verified digitized Intellectual and Copyrighted Properties from said third parties domains, to the originally intended recipients of said gated transmissions.

36). (new):   An Intellectual Property Archive (IPA) in accordance with Claim 35, wherein:

said third parties do not insure that the legal requirements of transfers have been met as supplied by said IPA, before un-gating the transmissions of said verified digitized Intellectual and Copyrighted Properties from said third parties domains, to the originally intended recipients of said gated transmissions; but elect to place the address of at least one third party Preferred Internet Provider (PIP), Network Provider (PNP), Connectivity Provider (PC), Digital Content Provider (PDCP) Server (PS), and Router (PR), within the header extensions of said transmissions before un-gating said transmissions, so as to facilitates the autonomous preferential loose source routing of said digitized Intellectual and Copyrighted Properties in the interest of Property Rights Management, through the domains of intermediate destination, third party Preferred Internet Providers (PIP's), Network Providers (PNP's), Connectivity Providers (PCP's), Digital Content Providers (PDCP's) Servers (PS's), and Routers (PR's) as said digitized Intellectual and Copyrighted Properties are transferred from the domains of non preferred third party IP's, NP's, CP's, DCP's, Servers, and Routers, in an unsecured Internet Environment.

37). (new):   An Intellectual Property Archive (IPA) in accordance with Claim 36, wherein:

said third parties, including IP's, NP's, CP's, DCP's, Servers, and Routers elect to redirect said gated transmissions found to contain digitized Intellectual and Copyrighted Properties as confirmed by content within said IPA, to said IPA, where upon said IPA proliferates a verified copy of said gated transmissions found to contain digitized Intellectual and Copyrighted Properties, including verified TCI's, to the originally intended recipient(s) of said gated transmissions.

38). (new):   An Intellectual Property Archive (IPA) in accordance with Claim 37, wherein:

said third parties, including IP's, NP's, CP's, DCP's, Servers, and Routers elect to redirect said gated transmissions found to contain digitized Intellectual and Copyrighted Properties as confirmed by content within said IPA, to said IPA, where upon said IPA proliferates verified copies of said gated transmissions found to contain digitized Intellectual and Copyrighted Properties, including verified TCI's, to the originally intended recipient(s) of said gated transmissions, where, upon;

said third parties, including IP's, NP's, CP's, DCP's, Servers, and Routers then further gate the transfer of said verified copies of said digitized Intellectual and Copyrighted Properties, as proliferated by said IPA, including verified TCI's until the legal requirements of transfers contained within said verified TCI's have been met.

39). (new):   An Intellectual Property Archive (IPA) comprised of Networks, Computers, Servers, Routers, and digital storage devices, digitally connectable to the Internet, wherein:

said Intellectual Property Archive is dedicated to verifying, storing, referencing, and distributing digitized Intellectual and Copyrighted Properties and Transaction Code Identifiers (TCI's), and further,

said IPA monitors third party Internet traffic, said third party Internet traffic including traffic of Internet Providers (IP's) Network Providers (NP's), Connectivity Providers (CP's), Digital Content Providers (DCP's), Servers, Routers, individuals, end users and corporations wherein,

said third party traffic is nodaly transferred through the domain of said IPA, whereby, said IPA serves to, inspect, intercept, validate and transfer digitized Intellectual and Copyrighted Properties, and Transaction Code Identifiers, being nodaly transferred through the domain of said IPA, whereby,

validation is provided against Intellectual and Copyrighted Properties, and Transaction Code Identifiers (TCI's) recorded within said IPA, and Intellectual and Copyrighted Properties, and (TCI's) trafficked by said third parties.

40). (new):   An Intellectual Property Archive (IPA) in accordance with Claim **39**, wherein:

said TCI's are comprised of generic TCI's, which are human and machine readable, and Property Specific TCI's, which are machine readable in transfer within said third party domains, and contain the legal requirements of transfer, sale, proliferation and distribution of individual digitized Intellectual and Copyrighted Properties within digital medias, and also,

said TCI's serve to distinguish digitized Intellectual and Copyrighted Properties as unique and bound to restriction, to said third parties and end users, and further,

said TCI's act as protocols within the domains of said third parties, autonomously distinguishing transmissions containing TCI's for inspection, gating, verification, and validation

that the requirements of lawful transfer are met, before transfers are made to the originally intended recipient(s) of said transmissions and further,

said TCI's contain specific addresses to be placed within header extensions of transmissions containing said TCI's and Intellectual Properties, by said third parties, and said IPA, for the purpose of preferential loose source routing of said Intellectual Properties in the interest of Property Rights Management, and further,

said Property Specific TCI's are watermarked, embedded, associated and bundled with said individual Intellectual and Copyrighted Properties.

41). (new): An Intellectual Property Archive (IPA) as described in Claim **40**, wherein:

said IPA provides Property Rights Management for digitized Intellectual and Copyrighted Properties, by gating transmissions of suspected pirated digitized Intellectual Properties, and transmissions of digitized Intellectual and Copyrighted Properties lacking Transaction Code Identifiers, and transmissions of digitized Intellectual and Copyrighted Properties trafficked by said third parties connected to said Internet; as said suspected pirated digitized Intellectual and Copyrighted Properties, and transmissions of digitized Intellectual and Copyrighted Properties lacking Transaction Code Identifiers pass into the domain of said IPA.

42). (new): An Intellectual Property Archive (IPA) as described in Claim **41**, wherein:

said IPA compares the content of said gated transmissions of suspected pirated digitized Intellectual Properties, and transmissions of digitized Intellectual and Copyrighted Properties lacking Transaction Code Identifiers, and transmissions of digitized Intellectual and Copyrighted Properties trafficked by said third parties connected to said Internet, against verified copies of digitized Intellectual and Copyrighted Properties of record within said IPA, whereby,

said IPA replaces said gated content in transmissions found to be digitized Intellectual and Copyrighted Properties, with verified copies of digitized Intellectual and Copyrighted Properties of record within said IPA, including TCI information of record within said IPA, and further,

said IPA places the address of at least one third party Preferred Internet Provider (PIP), Network Provider (PNP), Connectivity Provider (PC), Digital Content Provider (PDCP) Server (PS), and Router (PR), within the header extensions of said transmissions before un-gating said transmissions, so as to facilitates the autonomous preferential loose source routing of said verified digitized Intellectual and Copyrighted Properties in the interest of Property Rights Management, through the domains of intermediate destination, third party Preferred Internet Providers (PIP's), Network Providers (PNP's), Connectivity Providers (PCP's), Digital Content Providers (PDCP's) Servers (PS's), and Routers (PR's) as said digitized Intellectual and Copyrighted Properties are transferred from the domain of said IPA, in an unsecured Internet Environment.

43). (new): Transaction Code identifiers (TCI's), comprised of digitized information, and further,

said Transaction Code Identifiers consist of generic, human and machine-readable copyright notifications (a.k.a. Generic TCI's); and property specific TCI's, which contain the legal requirements of sale, transfer, and proliferation of individual digitized Intellectual and Copyrighted Properties within digital medias, and also,

said property specific TCI's are embedded and watermarked within individual digitized Intellectual and Copyrighted Properties so as to make said property specific TCI's inseparable from said individual digitized Intellectual and Copyrighted Properties, and further,

said property specific TCI's are machine recognizable while embedded and watermarked within said individual digitized Intellectual and Copyrighted Properties, and also,

said property specific TCI's are further, human-readable after being extracted from said embedding and watermarking, and further,

said TCI's act as protocols within the domains of third parties, within unsecured digital media, including the Internet; said third parties including Internet Providers (IP's), Network Providers (NP's), Connectivity Providers (CP's), Digital Content Providers (DCP's) Servers, and Routers, whereby,

said third parties inspect, intercept, validate and transfer digital Intellectual and Copyrighted Properties made autonomously recognizable to said third parties, by the presence of said TCI's, and further,

said TCI's contain specific addresses to be placed within the headers of transmissions containing said TCI's and digitized Intellectual and Copyrighted Properties, by said third parties, and said IPA, for the purpose of preferential loose source routing of said digitized Intellectual and Copyrighted Properties in the interest of Property Rights Management, and further,

said preferential loose source routing of said digitized Intellectual and Copyrighted Properties in the interest of Property Rights Management facilitates the autonomous preferential routing of said digitized Intellectual and Copyrighted Properties through the domains of intermediate, third party Preferred Internet Providers (PIP's), Network Providers (PNP's), Connectivity Providers (PCP's), Digital Content Providers (PDCP's) Servers (PS's), and Routers (PR's) as said digitized Intellectual and Copyrighted Properties are transferred from the domains of non preferred third party IP's, NP's, CP's, DCP's, Servers, and Routers, in an unsecured Internet Environment.

44). (new):   Transaction Code identifiers (TCI's), as described in Claim **43**, wherein:

said preferential loose source routing of said digitized Intellectual and Copyrighted Property, transfers said digitized Intellectual and Copyrighted Property through the domain(s) of intermediate, third party Preferred PIP's, PNP's, PCP's, PDCP's, PS's, and PR's, which determine that the requirements for sale, proliferation, and transfer of said digitized Intellectual and Copyrighted Property have been met before allowing said digitized Intellectual and Copyrighted Property to continue to the originally intended recipient(s).

45). (new):   Transaction Code identifiers (TCI's), as described in Claim **44**, wherein:

said intermediate, third party Preferred PIP's, PNP's, PCP's, PS's, and PR's, may reference the requirements for sale, proliferation, and transfer of said Intellectual Properties against authoritative Intellectual Property Archives (IPA's), said IPA's, containing verified, generic and property specific TCI's, associated with individual digitized Intellectual and Copyrighted Properties, and also

said intermediate, third party Preferred PIP's, PNP's, PCP's, PDCP's, and PS's, and PR's, may document, receive encrypted conformation of, or consummate the requirements for sale, proliferation, or transfer of said digitized Intellectual and Copyrighted Properties.